

NOTICE OF ALLOWANCE

Response to Arguments

1. Applicant's amendments with respect to claims 1-25 and 27-31 have overcome the prior art of record.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

3. Claims 1-25 and 27-31 are allowed.
4. The following is an examiner's statement of reasons for allowance:

As per claim 1, it was not found to be taught in the prior art of dynamically managing security associated with document collaboration, comprising associating collaborators with different encrypted versions of a key, wherein decrypted versions of the key permit access to a document; and adding an identity service as one of the collaborators, wherein the identity service is capable of dynamically adjusting encryption formats for one or more of the collaborators' encrypted keys and wherein a trust specification is associated with the document and a particular collaborator, the trust specification identifies a contract that defines a relationship between the particular

collaborator and the document, and wherein the contract defines policies, authentication requirements, and identity information required before the particular collaborator is dynamically added to or removed from the collaborators that have access to the document.

As per claim 9, it is was not found to be taught in the prior art of dynamically managing security associated with document collaboration, comprising identifying a collaborator associated with a document; verifying a trust relationship between the collaborator and the document; acquiring a dynamic public key from or on behalf of the collaborator; decrypting a symmetric key which grants access to the document; and encrypting the symmetric key with the dynamic public key and wherein a trust specification is associated with the document and the collaborator, the trust specification identifies a contract that defines the trust relationship between the collaborator and the document, and wherein the contract defines policies, authentication requirements, and identity information required before the collaborator is verified for access to the document.

As per claim 18, it is was not found to be taught in the prior art of a dynamic collaborative document security system, comprising a document; a list of collaborators associated with the document; and an identity service, wherein the identity service is included within the list of collaborators, and wherein the identity service dynamically manages encryption of a symmetric key associated with the document and dynamically manages identities of the list of collaborators according to a trust specification, wherein access to a decrypted version of the symmetric key provides access to the document

and wherein the document maintains the list of collaborators and the list of collaborators includes identities for each unique collaborator that can permissibly access the document.

As per claim 25, it was not found to be taught in the prior art of a document having content data, a symmetric key and a list of collaborators; a symmetric key; and a list of collaborators, each collaborator within the list associated with a specific encrypted version of the symmetric key, wherein an identity service is included within the list of collaborators, the identity service capable of dynamically adding and removing select ones of the collaborators and capable of dynamically re-encrypting the symmetric key for the select ones of the collaborators and wherein the document maintains the list of collaborators and the list of collaborators includes identities for each unique collaborator that can permissibly access the document.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."